## SEQUENCE LISTING

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Sacktor, Todd Charlton Crary, John Fonda Hernandez, Alejandro Ivan Mirra, Suzanne Shao, Charles

ATYPICAL PROTEIN KINASE C ISOFORMS IN DISORDERS OF THE NERVOUS SYSTEM AND CANCER

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<141> 2005-05-02

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|                   |                   |                   |                  |                  | auc<br>Ile<br>60  |                   |                   |                  |                  |                   |                   |                   |                   |                  |                   | 847  |
| cua<br>Leu        | auc<br>Ile        | aga<br>Arg        | guc<br>Val       | auc<br>Ile<br>75 | Gly<br>ggg        | cgc<br>Arg        | ggg<br>ggg        | agc<br>Ser       | uac<br>Tyr<br>80 | gcc<br>Ala        | aag<br>Lys        | guu<br>Val        | cuc<br>Leu        | cug<br>Leu<br>85 | gug<br>Val        | 895  |
| cgg<br>Arg        | uug<br>Leu        | aag<br>Lys        | aag<br>Lys<br>90 | aau<br>Asn       | gac<br>Asp        | caa<br>Gln        | auu<br>Ile        | uac<br>Tyr<br>95 | gcc<br>Ala       | aug<br>Met        | aaa<br>Lys        | gug<br>Val        | gug<br>Val<br>100 | aag<br>Lys       | aaa<br>Lys        | 943  |
| gag<br>Glu        | cug<br>Leu        | gug<br>Val<br>105 | cau<br>His       | gau<br>Asp       | gac<br>Asp        | gag<br>Glu        | gau<br>Asp<br>110 | auu<br>Ile       | gac<br>Asp       | ugg<br>Trp        | gua<br>Val        | cag<br>Gln<br>115 | aca<br>Thr        | gag<br>Glu       | aag<br>Lys        | 991  |
| cac<br>His        | gug<br>Val<br>120 | uuu<br>Phe        | gag<br>Glu       | cag<br>Gln       | gca<br>Ala        | ucc<br>Ser<br>125 | agc<br>Ser        | aac<br>Asn       | ccc<br>Pro       | uuc<br>Phe        | cug<br>Leu<br>130 | guc<br>Val        | gga<br>Gly        | uua<br>Leu       | cac<br>His        | 1039 |
|                   |                   |                   |                  |                  | aca<br>Thr<br>140 |                   |                   |                  |                  |                   |                   |                   |                   |                  |                   | 1087 |
|                   |                   |                   |                  |                  | aug<br>Met        |                   |                   |                  |                  |                   |                   |                   |                   |                  |                   | 1135 |
|                   |                   |                   |                  |                  | uuc<br>Phe        |                   |                   |                  |                  |                   |                   |                   |                   |                  |                   | 1183 |
|                   |                   |                   |                  |                  | Gly<br>aaa        |                   |                   |                  |                  |                   |                   |                   |                   |                  |                   | 1231 |
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<sup>&</sup>lt;211> 191010

<sup>&</sup>lt;212> DNA

<sup>&</sup>lt;213> Homo sapiens

<sup>&</sup>lt;220>

<sup>&</sup>lt;221> misc feature

<sup>&</sup>lt;222> (825<del>8</del>)..(8258)

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